ADSL ROUTER
Quick Installation Guide

M73-APO07-110

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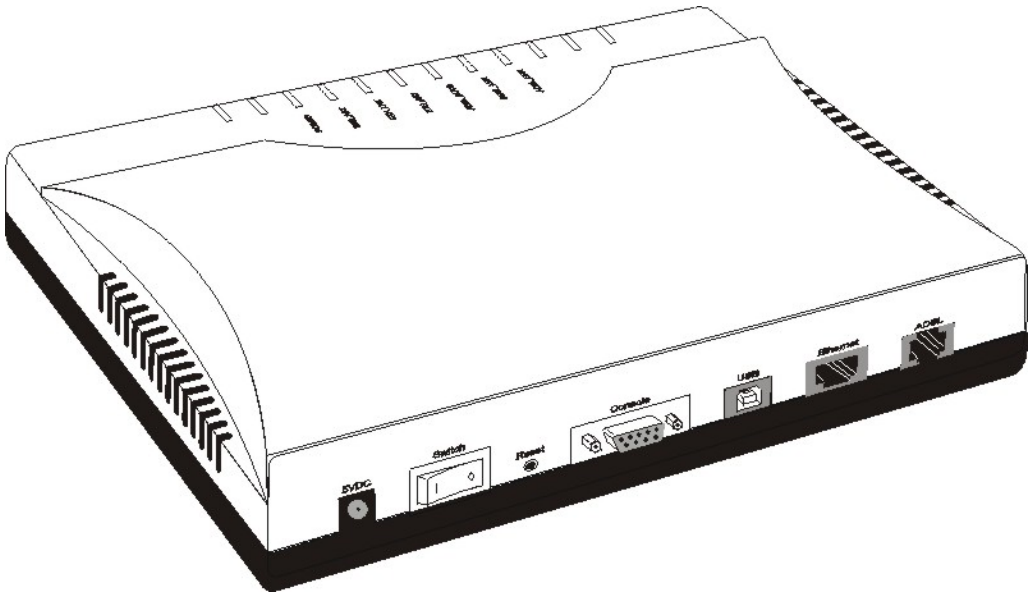
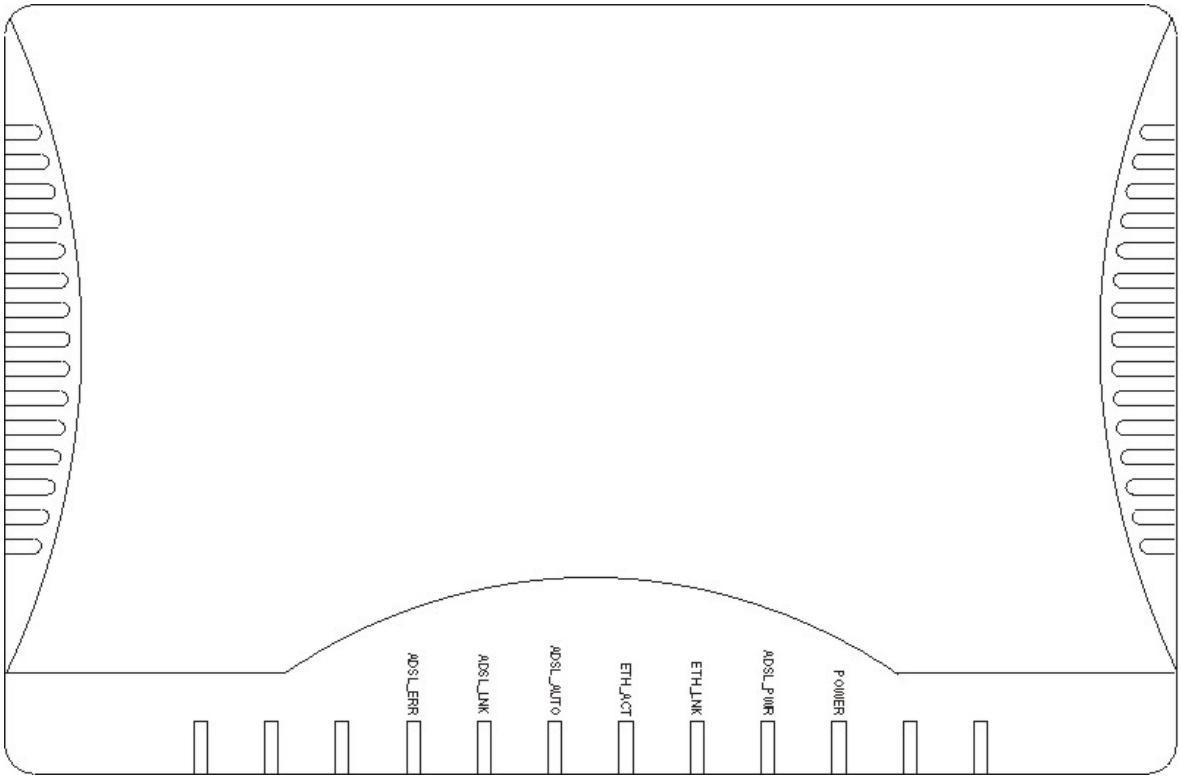
Parts Names and functions



Rear view of the ADSL ROUTER

LED Indicator



Top View of ADSL ROUTER (LEDs)

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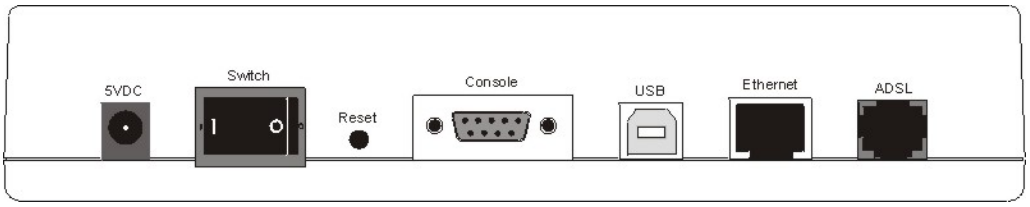
LED	Description
POWER	Router Power on/off Indicator
ADSL_PWR	ADSL Module Power on/off Indicator
ETH_LNK	Ethernet Link Indicator
ETH_ACT	Ethernet Active Indicator
ADSL_AUTO	ADSL Auto Connection Indicator
ADSL_LINK	ADSL Data Link Indicator
ADSL_ERR	ADSL Link Error Indicator

Connectors on the Rear Panel

The following table describes the function of the connectors and switches on the ADSL ROUTER rear panel. See the following illustration for the location of the connectors described in the following table.



Connectors on the rear panel

Connector Label	Connector Description
5VDC	5VDC Input Power Connector
Switch	POWER ON/OFF SWITCH
Reset	System Reset.
Console	Connects this device to the serial port on your PC.
USB	USB INPUT PORT
Ethernet	Connects to the Ethernet port on your PC using the Non Hub Ethernet cable supplied with your unit, or LAN hub using a straight-through cable.
ADSL	Connects this device to the wall jack.

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Setting Up the Hardware Environment

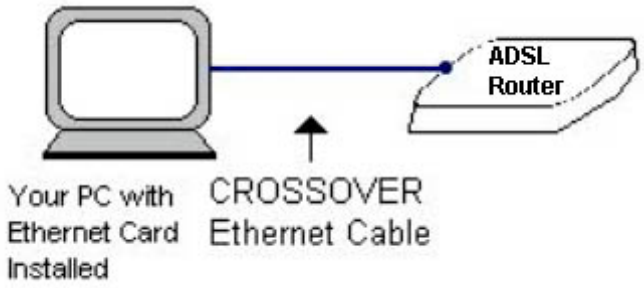
Connecting All Cables to the Network

Perform the following procedures to set up the ADSL ROUTER.

Step 1 Connect the power adapter to the port labeled **5VDC** on the rear panel of this device.

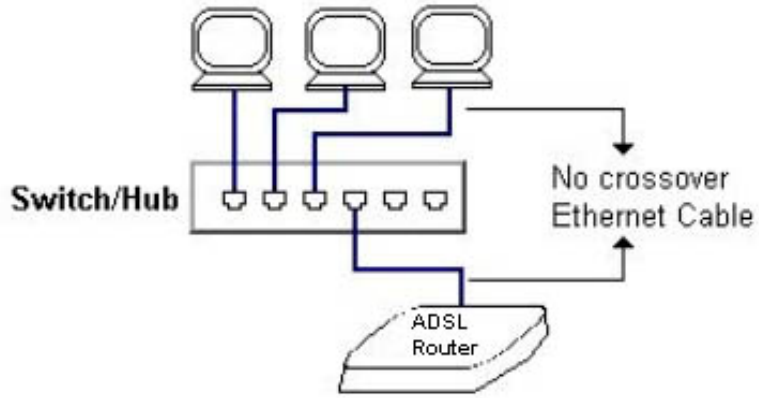
Step 2 Connect the Ethernet cable.

One PC – ADSL Router (direct connection)



If your only have **one PC**, you can connect your ADSL ROUTER to the PC directly without a hub. For a single Ethernet-equipped PC, use the "non-hub" twisted-pair crossover cable to connect the ADSL ROUTER Ethernet port to the Ethernet port on your computer.

Home Network – ADSL Router (connection through Ethernet Switch/Hub)



If your ADSL ROUTER is connected to a **home network**, you may use a standard Ethernet cable (not provided) to connect your ADSL ROUTER Ethernet port to an available port on your home network Ethernet hub.

Step 3 Connect the ADSL cable to the ADSL ROUTER. Connect the ADSL ROUTER to the ADSL line with the provided telephone cable.

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Step 4 Connect one end of RS-232 cable to any free COM port in your system; Connect the other end to "Console" port on the rear panel of the ADSL router.

Powering On the ADSL ROUTER

Step 1 Connect the power adapter to your ADSL ROUTER by plugging one end of the power supply into an appropriate electrical outlet and the other end into port labeled **5VDC** on the rear panel of the device.

Note: To power off he ADSL ROUTER, just unplug the power supply cable from the ADSL ROUTER rear panel POWER connector.

Step 2 Once your ADSL ROUTER is powered up, check to make sure the Power LED is red and ON.

Step 3 If the Power LED is not lit, immediately turn off all power to the ADSL ROUTER.

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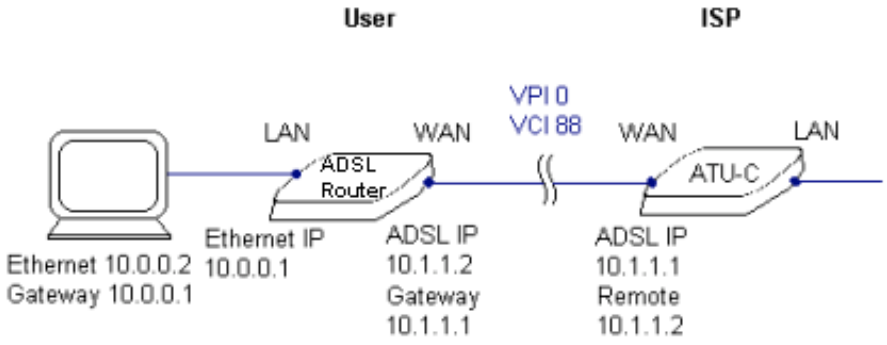
INTERNET ACCESS

Router Mode/ IP over ATM (RFC1577)

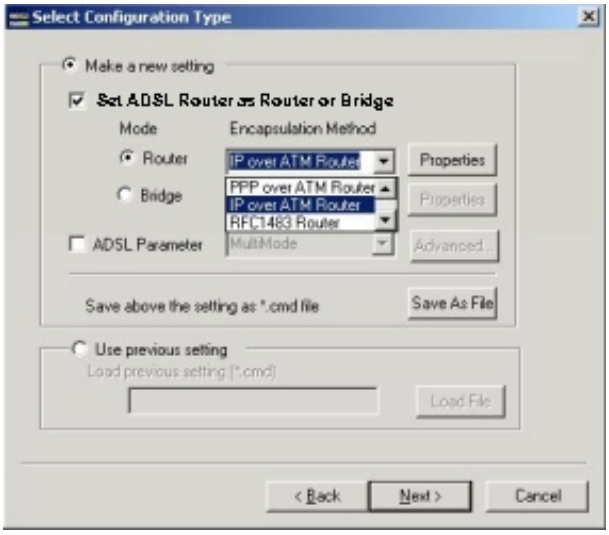


(1) Run the "**router.exe**" file saved in the configuration utility. (Go to **Start →Program→ ADSL Router xx Configuration Utility→Configuration Utility**.)

(2) Select a PC COM port available on your computer used to connect to the ADSL Router's "**Console**" port.

(3) Check "**Router Protocol**" and select "**IP over ATM**".

(4) Click "**Properties**" button.



(5) Enter "**ADSL IP**", "**Gateway IP**", and "**Subnet Mask**" addresses provided by your service provider.

(6) Usually **Ethernet IP addresses** were not provided by service providers. Check to make sure if this is your case, if yes, remember to select "**Enable NAT function**."

(7) Enter the VPI and VCI numbers. Typically VPI is set to "0".

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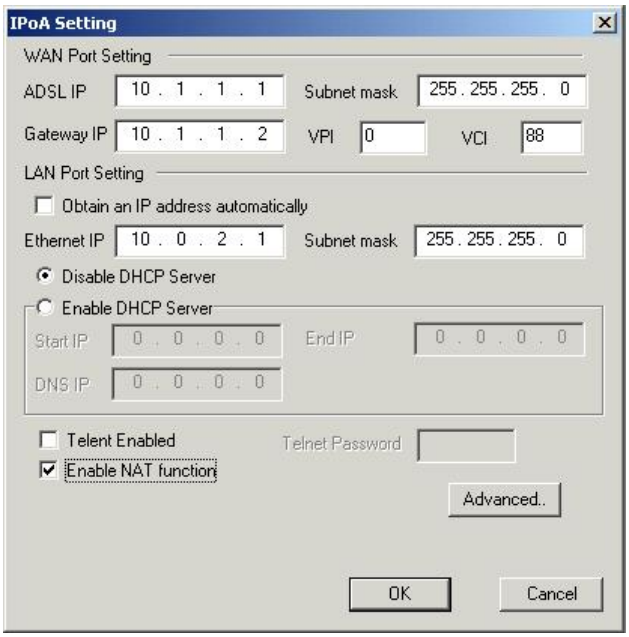


(8) Click "**OK**" to go to "**Select Config**" menu. Or click "**Save As File**" to save the settings for future use. Then click "**Next**".

(9) Click "**Configure**" button. The configure utility will automatically setup the router for you. Expect a minor delay for configuration.

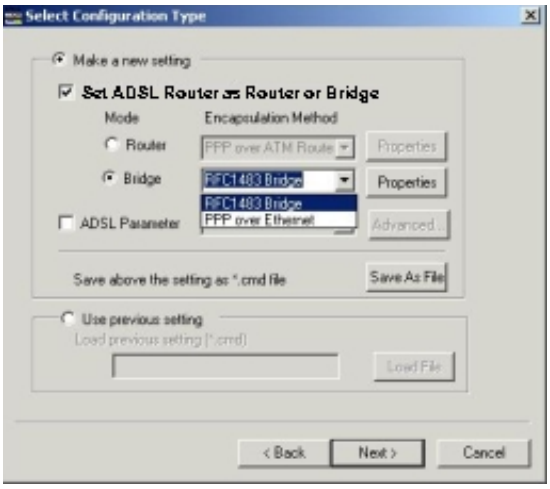
Bridge mode/RFC1483 bridge

(1) Run the "**router.exe**" file saved in the configuration utility. (Go to **Start →Program→ ADSL Router xx Configuration Utility→Configuration Utility**.)

(2) Select a PC COM port available on your computer used to connect to the ADSL Router's "**Console**" port.

(3) Click "**Next**" button.

(4) Select Mode "**Bridge**" and select "**RFC1483 Bridge**".



(5) Click "**Properties**" button.

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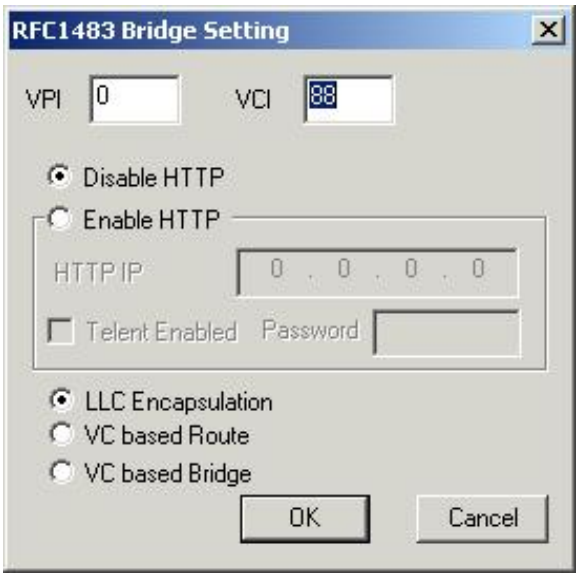

(6) Enter VPI and VCI numbers. Then click "**OK**".
(7) Check "**LLC Encapsulation**" or "**VC Based Route**" or "**VC Based Bridge**".
(8) Click "**Next**" followed by "**Configure**". Configure utility will automatically setup the router for you. Expect a minor delay for the router configuration.
(9) Click "**Finish**". Now you have finished ADSL Router configuration. The ADSL Router will handshake with ADSL central site equipment (DSLAM) and try to make the ADSL connection.

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